Index of Claims

| Application/Control N | ١ō | ١, |
|-----------------------|----|----|
|-----------------------|----|----|

10/646,073

Examiner

Lee Fineman

Applicant(s)/Patent under Reexamination

SHAFER ET AL.

Art Unit

2872

✓ Rejected= Allowed

| [- | (Through numeral) Cancelled |
|----|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| Cla | aim | | | | - (| Date | | - | | |
|--|--|-----------|----------|----------|--------------|--|----------|----------|--|-----------------|
| | | | | | | | | | | |
| Final | Original | 1/10/05 | 6/13/05 | | | | | | | |
| ﻧ፫ | , jr, | 1 | 6/1; | | | | | | | |
| L | _ | L_ | | | | L | | | | |
| | 1 | + | | Ш | | | | | | Щ |
| | 2 | 1 | _ | | _ | | | | | Щ |
| | 3 | Щ. | | | _ | $oxed{oxed}$ | | | | Щ |
| <u> </u> | 14 | Щ. | L. | | | <u> </u> | | | | \dashv |
| <u> </u> | <u> </u> | Н- | <u> </u> | <u> </u> | _ | \vdash | H | | | \dashv |
| | - p | Н- | | _ | | _ | <u> </u> | ļ | | - |
| | 4 | ₩- | _ | _ | _ | _ | _ | _ | | |
| _ | - | ╫ | - | | | - | _ | - | | \vdash |
| | 10 | H- | - | - | - | - | | <u> </u> | | |
| | 4/1 | H | \vdash | | - | Н | \vdash | | | \dashv |
| - | 15 | H | \vdash | \vdash | | \vdash | \vdash | | | |
| | 1/3 | H | | | | \vdash | \vdash | | | $\vdash\vdash$ |
| \vdash | 16 | H | _ | | - | \vdash | \vdash | \vdash | _ | \dashv |
| - | 15 | H | - | | | | | | | \vdash |
| <u> </u> | 16 | H | H | | | \vdash | Н | _ | | \neg |
| | 17 | H | | Н | | _ | \vdash | \vdash | | |
| | 18 | H | | | | Н | | | | |
| - | 19 | T | | | | _ | | Т | | П |
| | 20 | П | - | | | | | | | |
| | 21 | П | | | | | | | | |
| | 22 | | | | | | | | | |
| | 23 | | | | | | | | | |
| | 24 | \Box | | | | | | | | |
| | 25 | Ш | | | | | | | | Ш |
| <u> </u> | 26 | Щ | | | | <u> </u> | | | | Ш |
| | 47 | Ш | | | | _ | | | | Щ |
| <u> </u> | 48 | Ш | | | | | _ | | | Щ |
| <u> </u> | 49 | Ш | | | | _ | | | _ | Щ |
| <u> </u> | 30 | Ш | | | <u> </u> | <u> </u> | | <u> </u> | _ | Ш |
| | 31 | H | | - | <u> </u> | — | _ | <u> </u> | _ | Н |
| \vdash | # | ₩ | | - | <u> </u> | - | <u> </u> | - | <u> </u> | Н |
| \vdash | 33 | H | | | <u> </u> | \vdash | | - | | Н |
| | # | ╫╴ | - | \vdash | - | ├ | \vdash | <u> </u> | \vdash | Н |
| | 30 | H | | - | - | \vdash | ⊢ | - | \vdash | Н |
| | 2345678991112345678991333588888888888888888888888888888888 | ${\sf H}$ | <u> </u> | | | ├ | | \vdash | \vdash | $\vdash \dashv$ |
| | 76 | ╫╴ | — | - | _ | | \vdash | - | Ι- | Н |
| _ | 36 | # | | | <u> </u> | \vdash | \vdash | \vdash | \vdash | H |
| | 40 | 1 | \vdash | | | | \vdash | \vdash | | H |
| <u> </u> | 4 | 1 | Г | \vdash | \vdash | T | \vdash | | | \vdash |
| | 41 42 | 1 | | | | T | | | | П |
| | (43) | 1 | 1 | Г | | | | | \Box | П |
| | 44 | \sqcap | 1 | | Г | | | | | |
| | 45 | | 1 | | | | | | | |
| | 46 | | 1 | | | | | | | |
| | 47 | \coprod | V | | | | | | | |
| | 48 | \prod | 1 | | | | | | | |
| | 49 | \prod | 1 | | | | L | | | |
| | 50 | + | 1 | | | | | Γ | | |

| Cla | Claim | | | | 1 | Date | 9 | | | |
|-------------|--|----------|-----------|----------|----------|----------|--|--------------|-------------------|--------------|
| | | | | | | | | | | |
| a | Original | 1/10/05 | 6/13/05 | | | | | l | | |
| Final | ij | 10 | 13 | | | | İ | | | |
| - | ō | 7 | 9 | | | | | | | |
| <u> </u> | - | _ | - | H | H | _ | ⊢ | _ | _ | _ |
| - | 51 | + | ν. | _ | | | <u> </u> | \vdash | _ | _ |
| | 52 | 4 | V | Ш | | | L | \perp | | |
| <u> </u> | 52 53 54 85 | 1 | 7777 | _ | | | <u></u> | | | |
| | 54 | L | 1 | | Ц | | | Ш | | |
| | (35) | | √ | | | | | | | |
| | 56 | | 1 | | | | | | | Ĺ |
| | 57 | П | 1 | | | | | | | |
| | 56 57 58 59 | Т | 7 7 | | | | | | | |
| | 59 | 1 | 1 | | | | | | | |
| | 60 | + | 1 | | | | | | | |
| | 60 61 | + | J | \vdash | \vdash | | \vdash | | | \vdash |
| - | 62 | + | Ť | \vdash | | | | | \vdash | |
| | 63 | + | 1 | - | - | - | | H | H | \vdash |
| - | 64 | + | 7 7 7 7 7 | \vdash | \vdash | \vdash | \vdash | \vdash | - | - |
| - | 62 63 64 65 66 67 68 | 4- | V | <u> </u> | - | | <u> </u> | | _ | <u> </u> |
| - | 65 | 4 | 7 7 7 7 | <u> </u> | | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| | 66 | ÷ | ٧ | _ | | | L_ | | Ш | <u> </u> |
| | 67 | | ۷. | | Ш | | | | L., | |
| | 68 | | 7 | | | | | | | |
| | 69 | | 1 | | | | | | | |
| | 70 | | 7 | | | | | | | |
| | 71 | | 1 | | | | | | | |
| | 72 | | 7 | | | | | \vdash | | Т |
| — | 73 | | 1 | Т | | | | \vdash | _ | \vdash |
| | 74 | _ | 777 | _ | - | | _ | \vdash | | _ |
| | 75 | _ | 7 | - | - | - | _ | \vdash | _ | ⊢ |
| | 76 | _ | | \vdash | \vdash | _ | <u> — </u> | \vdash | \vdash | - |
| | 70 | _ | 1 | ⊢ | \vdash | - | _ | | | _ |
| - | 782 | _ | 7 | _ | _ | _ | H | <u> </u> | | |
| <u> </u> | (78) | | | _ | _ | | _ | <u> </u> | | |
| <u> </u> | 79 | | 4 | | | | | Щ | | <u> </u> |
| | 69 70 71 72 73 74 75 76 77 (78) 79 80 | | 1 | L | | | L | _ | L | ļ |
| | 81 | | 1 | L | | | | | | _ |
| | 82 | | 7 | | | | | | | |
| | 83 | | 1 | | | | | | | |
| | 82 83 84 85 86 | | 1 | | | | | | | |
| | 85 | | 1 | | | | | | | |
| | 86 | | 1 | | _ | | | Г | Г | \vdash |
| | 87 88 89 90 | | 1 | \vdash | | | \vdash | | \vdash | \vdash |
| | 88 | - | j | <u> </u> | \vdash | | \vdash | \vdash | - | |
| | 80 | - | 1 | _ | - | - | - | \vdash | \vdash | \vdash |
| — | (6) | - | 1 | \vdash | \vdash | - | \vdash | - | - | |
| | (34) | | 7 | \vdash | \vdash | - | - | \vdash | - | \vdash |
| _ | 91 | — | _ | \vdash | - | - | | | ├— | \vdash |
| - | 92 | <u> </u> | 1 | | <u> </u> | <u> </u> | <u> </u> | \vdash | ├ | ⊢ |
| | 93 | | 7 | | | _ | <u> </u> | ┞ | <u> </u> | <u> </u> |
| | 94 | | V | | <u> </u> | | <u> </u> | <u> </u> | $ldsymbol{f eta}$ | <u> </u> |
| | 95 | <u> </u> | 1 | | | L | _ | | L | |
| | 96 | | 1 | | L | | | L | | |
| | 97 | | 1 | | | | | | | |
| | 98 | | 1 | | Г | | Г | 1 | | |
| | 99 | \vdash | V | \vdash | <u> </u> | | | T | | <u> </u> |
| - | | | | | | | | 1 | | |

| Cli | aim_ | | - | | | Date | | | | \neg |
|----------|---------------------------------|----------|---------------|--------------|----------------|----------|------------|--------------|----------|----------|
| | | | | | ī | | | | | Н |
| Final | Original | | | | | | | | | |
| | | | _ | _ | | | | | | Н |
| | 101 102 | Н | - | _ | \vdash | | _ | \vdash | | \vdash |
| | 103 | Н | | _ | _ | | | Н | _ | \vdash |
| | 104 | Н | | | | | | | | |
| | 105 | | | | _ | | | | | \vdash |
| | 106 | - | _ | | _ | | | | | П |
| | 107 | | $\overline{}$ | | | | _ | \vdash | _ | Н |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 111 112 113 114 115 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | l 116 | L | | Щ | | Ш | L | Ш | Ш | Ш |
| | 117 118 | | | | _ | Ш | | Щ | | Ц |
| | 118 | | | | | | | | | Ц |
| | 119 | _ | L | | | | | | | \Box |
| | 120 121 | | | | _ | | | | | Ц |
| | 121 | _ | _ | _ | _ | | _ | | _ | \dashv |
| | 122 | | _ | | | | | | | \dashv |
| | 123 124 | | _ | | | _ | | | | |
| | 124 | _ | _ | _ | | _ | _ | _ | _ | \dashv |
| | 125 126 | | _ | _ | _ | \vdash | _ | - | | \dashv |
| | 127 | - | _ | _ | \vdash | _ | - | _ | - | \dashv |
| | 127 | | | _ | | \vdash | - | - | | \dashv |
| | 128 129 | | | | ⊢ | | \vdash | Н | H | \dashv |
| | 130 | | | | - | - | ┢ | _ | \vdash | \dashv |
| | 131 | | _ | \vdash | | - | - | - | \vdash | Н |
| | 131 132 | _ | | | | | _ | Н | _ | \dashv |
| | 133 | \vdash | - | Н | Н | | \vdash | Н | Н | \vdash |
| | 134 | \vdash | | | | | \vdash | \vdash | | \vdash |
| | 135 | \vdash | | | \vdash | Г | Г | Н | М | \sqcap |
| | 136 | | | | | Г | T | | | П |
| | 137 | | | | | | | | | |
| | 138 | | | | | | | | | |
| | 139 | | | | | | | | | |
| | 140 | | | _ | | | <u> </u> | _ | | Ш |
| | 141 | L | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | _ | Ш |
| | 142 | | _ | | ldash | <u> </u> | <u> </u> | \vdash | <u> </u> | Ш |
| | 143 | _ | _ | <u> </u> | _ | | L_ | _ | <u> </u> | |
| | 144 | \vdash | _ | <u> </u> | — | | - | | <u> </u> | |
| | 145 | <u> </u> | _ | <u> </u> | \vdash | | _ | _ | _ | Н |
| | 146 | <u> </u> | | ├ | | - | - | \vdash | <u> </u> | Н |
| | 147 | _ | <u> </u> | ⊢ | | | | - | - | Н |
| | 148 | _ | _ | | - | - | _ | | - | \vdash |
| \vdash | 149 | \vdash | \vdash | \vdash | \vdash | - | - | - | - | \vdash |
| | 150 | | | | | L | L | | L | |